

ARKANSAS SOIL AND WATER CONSERVATION COMMISSION

APPLICATION FOR DAM PERMIT

☐ PROPOSED DAM
☐ EXISTING DAM DATE BUILT: _____

<hr/> Owner Name	<hr/> Alternative Contract
<hr/> Address: Street	<hr/> Address: Street
<hr/> City, State, Zip	<hr/> City, State, Zip
Home Phone: ()	Home Phone: ()
Office Phone: ()	Office Phone: ()
Name of Dam: _____	
Name of Reservoir: _____	

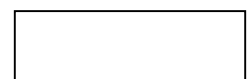
Location of Dam

(center of dam crest at center of stream)

<hr/> County:	<hr/> Latitude (D.M.S.):
<hr/> 1/4, 1/4, (Section, Township, Range):	<hr/> Longitude (D.M.S.)
Name of U.S.G.S. Quadrangle Map: _____	
The stream on which the dam is to be constructed: _____	
a tributary of _____, within the _____ river basin.	

Reservoir Volume – Area – Elevation		
Volume	Area	Elevation
(Ac-ft)	(Acres)	(feet)
Original Streambed at toe of dam.....		
Sediment Pool		
Normal Storage		
Emergency Spillway Crest		
Maximum Design Storage		
Effective Crest of Dam		

Maximum Emergency Spillway Discharge: _____ (cfs)
Length of Dam: _____ ft. (Along centerline of crest, include spillways if integral to dam.)
Height of Dam: _____ ft. (Vertical distance from original streambed at toe of dam to lowest point on crest of dam excluding spillways.)
Structural Height of Dam: _____ ft. (Vertical distance from lowest point of excavated foundation to lowest point on crest.)
Hydraulic Height: _____ ft. (Vertical distance from lowest point in original streambed at toe of dam to maximum design water level.)
Watershed Area: _____ square miles.



Indicate the major purpose(s), in approximate percentage(s), to be made of the storage volume:

- | | | | |
|------------------------------|---------|------------------------------------|---------|
| (a) Municipal | _____ % | (h) Hydroelectric | _____ % |
| (b) Industrial | _____ % | (i) Flood Control/Storm Water Mgmt | _____ % |
| (c) Irrigation | _____ % | (j) Navigation | _____ % |
| (d) Aquaculture | _____ % | (k) Fire Protection | _____ % |
| (e) Recreation | _____ % | (l) Debris Control | _____ % |
| (f) Livestock | _____ % | (m) Tailings | _____ % |
| (g) Fish & Wildlife. | _____ % | (n) Other | _____ % |

Estimated amount of water to be withdrawn per year: _____ (acre-feet).

Maximum withdrawal rate: _____ (gpm).

Plans Developed by:

_____	_____	_____
Company Name	Registered Professional Engineer	Reg. No.
_____	Office Phone: () _____	
Address: (Street)	Home Phone: () _____	
_____	Telefax: () _____	
(City, State, Zip)		

REQUIRED ENCLOSURES

1. Preliminary plans which have been prepared by a Registered Professional Engineer or and authorized agent of the United States Government. Plans must include U.S.G.S. Quadrangle or County Maps or drawings showing:

- | | |
|---|---|
| A. Exact location of the structure | F. Utility lines |
| B. Outline of impounded water | G. Cross section of dam at deepest section |
| C. Outline of watershed | H. Location, elevation, and size of spillways |
| D. Access roads to all major facilities | I. Elevation-volume relationship |
| E. Property lines | J. Elevation-discharge relationships |

2. Description of watershed including land use, soil types, slopes, and ground cover.

3. Description of downstream area subject to damage in the event of a dam failure. Include:

- Name of nearest affected city/town downstream and distance from the dam along the stream.
- Number and types of buildings and their distance from the dam.
- If homes may be affected, number of persons involved.
- Description of roads or utilities affected.
- Distance from dam to downstream property line along the stream.

4. Describe arrangements for access to dam for inspection, during and after construction.

5. Proposed construction schedule.

The applicant certifies and/or agrees to the following:

All information presented in this application is correct and accurate.

The applicant agrees to comply with state law and commission regulations governing design, construction, operation and maintenance of dams. In addition, the applicant understands that failure to comply with applicable laws and regulations may result in cancellation of dam permit and assessment of fines not to exceed \$10,000.

That prior to construction, the applicant will obtain all land rights or easements necessary for the construction and operation of the above described structure.

Construction shall not begin until final plans and specifications have been reviewed and approved by the Commission's Chief Engineer.

Construction and operation shall be in accordance with maps, plans, specifications filed and approved by the Commission.

Water shall not be deliberately impounded by closing of gates until issuance of an operation permit by the Commission's Chief Engineer.

Representatives of the Commission shall have the right, at any reasonable time, to enter upon the land where the dam is located to inspect the work of construction thereof or the operation and maintenance after construction.

An estimated review fee of one percent (1%) of the estimated cost of construction, (but not less than \$100 nor more than \$1,000) must accompany this application. (No review fee is required for existing dams);

The estimated cost of construction, excluding land, engineering, and legal fees is: \$ _____

A check in the amount of \$ _____ and payable to the Arkansas Soil and Water Conservation Commission is enclosed;

Upon permit issuance, the applicant shall pay annually to the Commission a fee of twelve cents (\$0.12) per acre-foot of water impounded at normal pool, excluding storage designated for sediment accumulation over the life of the project, but not less than twenty-five dollars (\$25.00) nor more than ten thousand dollars (\$10,000).

Nothing in the permit shall be construed to impose liability on the State, the Commission, or its agents or employees for partial or total failure of this dam and reservoir.

Signature of Applicant/Agent

Typed or printed name

State of _____, County of _____

Subscribed and sworn to before me this _____ day of _____, 19____, at my office in

Office Location

Notary Public

My Commission expires: _____